

Claims

1. A method for controlling the handling of push type e-mails on a mobile terminal device, said mobile terminal device comprising at least one user profile regarding the handling of push type e-mails, said method comprising:
  - determining the status of said user profile, and
  - controlling the handling of push type e-mails according to said determined user profile status.
- 10 2. A method according to claim 1, wherein said controlling of the handling of push type e-mails comprises notifying a push type e-mail server of a mobile communication network about the handling of push type e-mails according to said determined user profile.
- 15 3. A method according to claim 1, wherein said determined user profile status comprises push type e-mail enabled or push type e-mail disabled.
4. A method according to claim 1, wherein said user profile comprises a predetermined filter acting on the received push type e-mails, said filter selecting push type e-mails according to properties of said received e-mails, wherein said method further comprises:
  - receiving a push type e-mail, and
  - filtering said received e-mail according to said properties.
- 20 5. A method according to claim 3, further comprising storing said received push type e-mail.
6. A method according to claim 1, wherein said terminal device further comprises sensors, said method further comprising
  - determining of sensor data, and
  - changing said user profile according to said determined sensor data.
- 30 7. A method for controlling the handling of push type e-mails destined for mobile terminal devices on a push type e-mail server, wherein said server stores at least one user profile related to a mobile terminal device, said user profile regarding the
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handling of push type e-mails destined for said related mobile terminal device, said method comprising:

5            - receiving at the push type e-mail server a notification from said terminal device related to the handling of push type e-mails destined for said terminal device via a mobile communication network, and  
- handling push type e-mails destined for said terminal device according to said received notification.

10            8. A software tool comprising program code means stored on a computer readable medium for carrying out the method of claim 1, when said software tool is run on a computer or network device.

15            9. A computer program product comprising program code means stored on a computer readable medium for carrying out the method of claim 1, when said program product is run on a computer or network device.

20            10. A computer program product comprising program code, downloadable from a server for carrying out the method of claim 1, when said program product is run on a computer or network device.

25            11. A software tool comprising program code means stored on a computer readable medium for carrying out the method of claim 7, when said software tool is run on a computer or network device.

30            12. A computer program product comprising program code means stored on a computer readable medium for carrying out the method of claim 7, when said program product is run on a computer or network device.

35            13. A computer program product comprising program code, downloadable from a server for carrying out the method of claim 7, when said program product is run on a computer or network device.

14. A mobile terminal device capable of receiving push type e-mails and controlling the handling of push type e-mail, comprising:  
35            - a processing unit

- a network interface capable of receiving push type e-mails via a network, wherein said network interface is connected to and controlled by said processing unit,

wherein said terminal device is characterized by

5      - a storage connected to said processing unit for storing at least one user profile regarding the handling of push type e-mails, and

10     - a component to determine the status of said user profile regarding the handling of push type e-mails,

      - wherein said processing unit is configured to control the handling of push type e-mails according to said determined status.

15. A mobile terminal device according to claim 14, wherein said processing unit is configured to control the handling of push type e-mails according to said determined user profile status by enabling or disabling said network interface for the reception of push type e-mails.

16. A mobile terminal device according to claim 14, wherein said network terminal device further comprising a push type e-mail filter connected to said network interface, wherein said filter is configured to filter received push type e-mails according to properties of received push type e-mails, which are defined by said user profile.

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17. A mobile terminal device according to claim 14, wherein said processing unit is configured to dispatch a message comprising the status of said user profile regarding the handling of push type e-mails via said network interface to a push type e-mail server connected to a mobile communication network.

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18. A mobile terminal device according to claim 14, further comprising at least one sensor connected to said processing unit, wherein said processing unit is configured to change said user profile depending on a sensor output received from said at least one sensor.

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19. A push type e-mail server capable of receiving and sending push type e-mails, comprising:

35     - a processing unit,

- a network interface capable of receiving and sending push type e-mails via a network, wherein said network interface connected to and controlled by said processing unit,

wherein said server is characterized in that

- 5 - said network interface is further capable of receiving notifications related to the status of said user profile of at least one mobile terminal device regarding the handling of push type e-mails, and
- a storage to store a status of said user profile of said at least one mobile terminal device regarding the handling of push type e-mails,

10 wherein said processing unit is configured to handle received push type e-mails destined for said at least one mobile terminal according to said received user profile status.

20. A push type e-mail server according to claim 19, wherein said e-mail server is an  
15 external mailbox capable of receiving push type e-mails.

21. A push type e-mail delivery system comprising at least one mobile terminal device according to claim 14 and a push type e-mail server according to claim 19.